Appendix 1: Search Strategies

Academic Database Search Strategies

Academic Search Complete via EBSCOhost
Search modes - Boolean/Phrase

1. DE "HEALTH education" OR DE "COMIC books, strips, etc., in health education" OR DE "DRAMA in health education" OR DE "HEALTH counseling" OR DE "HEALTH education (Elementary)" OR DE "HEALTH education (Middle school)" OR DE "HEALTH education (Preschool)" OR DE "HEALTH education (Secondary)" OR DE "HEALTH education administration" OR DE "HEALTH education of women" OR DE "HEALTH fairs" OR DE "MASS media in health education" OR DE "PATIENT education" OR DE "PUBLIC health education" OR DE "RADIO in health education" OR DE "STUDY & teaching of sexually transmitted diseases" OR DE "TELEVISION in health education" OR DE "MEDICAL communication" OR DE "COMMUNICATION in dentistry" OR DE "COMMUNICATION in emergency medicine" OR DE "COMMUNICATION in nursing" OR DE "COMMUNICATION in obstetrics" OR DE "COMMUNICATION in pediatrics" OR DE "HEALTH education" OR DE "HEALTH risk communication" OR DE "MEDICINE -- Communication systems" OR DE "MEDICINE information services" OR DE "PATIENT handoff" OR DE "SBAR (Communication)" OR DE "SOCIAL media in medicine" OR DE "COMMUNICATION in health education" OR DE "HEALTH information technology" OR DE "HEALTH literacy" OR DE "HEALTH information technology" OR DE "COMPUTERS in medicine" OR DE "INTERNET in medicine" OR DE "MARKETING" OR DE "ADVERTISING" OR DE "BRANDING (Marketing)" OR DE "COLOR in marketing" OR DE "COMMUNICATION in marketing" OR DE "CONTENT marketing" OR DE "EDUCATION marketing" OR DE "EVENT marketing" OR DE "GOVERNMENT marketing" OR DE "GUERRILLA marketing" OR DE "INDUSTRIAL marketing" OR DE "INFLUENCER marketing" OR DE "INSTITUTIONAL market" OR DE "INTEGRATED marketing" OR DE "INTERACTIVE marketing" OR DE "INTERNET marketing" OR DE "LOCATION marketing" OR DE "MACROMARKETING" OR DE "MARKETING effectiveness" OR DE "MARKETING in service industries" OR DE "MARKETING models" OR DE "MARKETING personnel" OR DE "MARKETING planning" OR DE "MARKETING science" OR DE "MARKETING strategy" OR DE "MARKETING theory" OR DE "MASS marketing" OR DE "MICROMARKETING" OR DE "MOBILE marketing" OR DE "NEWSPAPER circulation" OR DE "ON- demand marketing" OR DE "PERMISSION marketing" OR DE "ROADSIDE marketing" OR DE "RURAL marketing" OR DE "SOCIAL marketing" OR DE "TARGET marketing" OR DE "TECHNOLOGY-enabled selling" OR DE "VISUAL marketing" OR DE "REGIONAL marketing" OR DE "INTERNET in publicity" OR DE "MASS media & publicity" OR DE "RADIO in publicity" OR DE "SOCIAL services publicity" OR DE "TELEVISION in publicity" OR DE "SOCIAL media in marketing" OR DE "WORD of mouth advertising" OR DE "INFLUENCER marketing" OR DE "DIRECT marketing" OR DE "DIRECT emarketing" OR DE "TELEMARKETING"
searching or mediated or based or tailored or communication or assisted instruction))

20 TL ( ("touch screen" or "digital assistant" or pda or blackberry or mobile-device or laptop or "notebook computer") ) OR AB ( ("touch screen" or "digital assistant" or pda or blackberry or mobile-device or laptop or "notebook computer"))

21 TI ( (((automat* or interactive*) N3 (telephon* or phone or phones or voice or hotline or hot line*)) or ((voice or speech) N (response or recognition or messag* or system* or technolog*))) ) OR AB ( (((automat* or interactive*) N3 (telephon* or phone or phones or voice or hotline or hot line*)) or ((voice or speech) N (response or recognition or messag* or system* or technolog*))) )

22 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21

23 DE "VACCINES" OR DE "ANTI-idiotypic vaccines" OR OR DE "AUTOVACCINES" OR DE "BACTERIAL vaccines" OR DE "BOOSTER vaccines" OR DE "COMBINED vaccines" OR DE "DNA vaccines" OR DE "ENCEPHALITIS vaccines" OR DE "INACTIVATED oil adjuvant vaccines" OR DE "MENINGITIS vaccines" OR DE "ORAL vaccines" OR DE "PARASITIC vaccines" OR DE "RICKETTSIAL vaccines" OR DE "SCHISTOSOMIASIS vaccines" OR DE "SEXUALLY transmitted disease vaccines" OR DE "SYNTHETIC vaccines" OR DE "TETANUS vaccines" OR DE "TRYPANOSOMIASIS vaccines" OR DE "VIRAL vaccines" OR DE "IMMUNIZATION" OR DE "IMMUNIZATION of children" OR DE "VACCINATION"

24 TI ( (immuniz* or immunis* or vaccin* or inoculat*) ) OR AB ( (immuniz* or immunis* or vaccin* or inoculat*) )

25 DE "CANADA") OR TI (Canad* or Alberta or "British Columbia" or Manitoba or New Brunswick or Newfoundland and Labrador or Nova Scotia or Ontario or "Prince Edward Island" or PEI or Quebec or Saskatchewan or Nunavut or "Northwest Territories" or NWT or "Yukon Territory") OR AB (Canad* or Alberta or "British Columbia" or Manitoba or New Brunswick or Newfoundland and Labrador or Nova Scotia or Ontario or "Prince Edward Island" or PEI or Quebec or Saskatchewan or Nunavut or "Northwest Territories" or NWT or "Yukon Territory")

26 S23 OR S24

27 S22 AND S25 AND S26

28 S22 AND S25 AND S26 Narrow by Language: English

CINAHL via EBSCOhost
Search modes - Boolean/Phrase

1 (MH "Communication+") OR (MH "Marketing+") OR (MH "Advertising+") OR (MH "Communications Media+") OR (MH "Computer Systems+")

2 TI ( (health or patient or mediated or facilitated or augmentative or alternative or total or simultaneous or manual or mass or face-to-face or oral or cultural or risk or intervention* or interaction* or program* or skill* or aid* or tool* or board* or device* or system* or barrier*) n1 communication) ) OR AB ( (health or patient
ormediated or facilitated or augmentative or alternative or total or simultaneous or manual or mass or face-to-face or oral or cultural or risk or intervention* or interaction* or program* or skill* or aid* or tool* or board* or device* or system* or barrier*) n1 communication)) 3 T1 ((health or patient or client) N1 (education or knowledge or promotion)) OR
AB ((health or patient or client) N1 (education or knowledge or promotion)) 4 T1 ((education* or teaching or learning or instruction* or training or skills or online or web* or internet or video* or multimedia or multi-media) N1 (intervention* or session* or course* or program* or material* or package* or module* or demonstration or method* or process*)) OR AB ((education* or teaching or learning or instruction* or training or skills or online or web* or internet or video* or multimedia or multi-media) N1 (intervention* or session* or course* or program* or material* or package* or module* or demonstration or method* or process*))
5 T1 ( (self N1 (teaching or education or instruction)) OR AB ( (self N1 (teaching or education or instruction))
6 T1 ((media N3 campaign*) or (promotion N1 program*) or ("community based" N3 intervention*) or (awareness N3 (rais* or increas*))) OR AB ((media N3 campaign*) or (promotion N1 program*) or ("community based" N3 intervention*) or (awareness N3 (rais* or increas*)))
7 T1 ((family or office or work* or school or faith or church or clinic or hospital or community) N1 based) OR AB ((family or office or work* or school or faith or church or clinic or hospital or community) N1 based)
8 T1 ((improv* or increas* or enhanc* or patient) N3 (understanding or comprehension)) OR AB ((improv* or increas* or enhanc* or patient) N3 (understanding or comprehension))
9 T1 ((information* N1 (service* or center* or system* or dissemination or seeking or retrieval or transfer* or campaign* or provision or aid or material* or sheet* or pack*))) OR AB ( (information* N1 (service* or center* or system* or dissemination or seeking or retrieval or transfer* or campaign* or provision or aid or material* or sheet* or pack*))
10 T1 ((patient or client or health or medical or drug or written or print* or visual* or provid* or present*) N2 inform*) OR AB ( ((patient or client or health or medical or drug or written or print* or visual* or provid* or present*) N2 inform*)
11 T1 (((inform* or message* or communicat* or effect* or gain or positive or negative) N2 fram*) or ((verbal or oral or written or text or data or numerical or statistical or visual or graphic* or pictorial or audio* or video* or multimedia or multi-media or narrative) N (format* or presentation or display*))) OR AB (((inform* or message* or communicat* or effect* or gain or positive or negative) N2 fram*) or ((verbal or oral or written or text or data or numerical or statistical or visual or graphic* or pictorial or audio* or video* or multimedia or multi-media or narrative) N (format* or presentation or display*)))
12 T1 ( (counsel* or ((social or carer* or caregiver* or care giver* or patient*) N1 support*) or psychosocial or ((social or pastoral or spiritual) N care) or religion or chaplaincy or "behavioral modification") OR AB ( (counsel* or ((social or carer* or caregiver* or care giver* or patient*) N1 support*) or psychosocial or ((social or pastoral
or spiritual) N care) or religion or chaplaincy or "behavioral modification") 13  
(TI (counseling session* or ((support or peer or self-help or self-care) N2 (intervention* or 
group* or program*))) OR AB (counseling session* or ((support or peer or self-help or 
self-care) N2 (intervention* or group* or program*)))

14  
TI (((social or community) N2 network*)) OR AB (((social or community) N2 network*))

15  
TI (((mass or communication* or electronic or digital or print* or social or new) 
N1 media) OR AB (((mass or communication* or electronic or digital or print* or 
social or new) N1 media))

16  
TI ( ((print* N (material* or based)) or paper-based or written material* or (paper 
N1 pen*) or publication* or newsletter* or brochure* or booklet* or pamphlet* or 
leaflet* or flyer* or handout* or poster* or illustrat* or picture* or pictogram*)) OR 
AB (((print* N (material* or based)) or paper-based or written material* or (paper 
N1 pen*) or publication* or newsletter* or brochure* or booklet* or pamphlet* or 
leaflet* or flyer* or handout* or poster* or illustrat* or picture* or pictogram*))

17  
TI ((radio or television or audiovisual or video* or "tape recording" or cassette* 
or cd-rom* or dvd* or "motion picture" or multimedia or hypermedia or telephon* 
or phone or phones or sms or "short message" or "text message" or i-pod* or 
mp3 player* or hotline* or answering service* or internet or web* or 
online or on-line or blog* or telegram or telehealth or telecare or (virtual N 
(reality or world or environment*))) OR AB ((radio or television or audiovisual or 
video* or "tape recording" or cassette* or cd-rom* or dvd* or "motion picture" or 
multimedia or hypermedia or telephon* or phone or phones or sms or "short 
message" or "text message" or i-pod* or mp3 player* or hotline* or answering service* 
or internet or web* or online or on-line or blog* or telemedicine or telehealth or telecare or 
(virtual N (reality or world or environment*)) ))

18  
TI (((electronic or e-) N1 (mail or prescri* or health or game*)) OR AB ( 
((electronic or e-) N1 (mail or prescri* or health or game*))

19  
TI ((computer* N1 (system* or network* or program* or terminal* or interfac* 
or interact* or handheld or intervention* or therapy or graphic* or simulation* or 
searching or mediated or based or tailored or communication or "assisted 
instruction"))) OR AB ((computer* N1 (system* or network* or program* or 
terminal* or interfac* or interact* or handheld or intervention* or therapy or 
graphic* or simulation* or searching or mediated or based or tailored or 
communication or "assisted instruction")))

20  
TI (touch screen or digital assistant* or pda or blackberry or mobile- device* or 
laptop* or notebook computer*) OR AB (touch screen or digital assistant* or 
pda or blackberry or mobile- device* or laptop* or notebook computer*)

21  
TI (((automatic* or interactive*) N3 (telephon* or phone or phones or voice or 
hotline* or hot line*)) or ((voice or speech) N (response or recognition or messag* 
or system* or technolog*)) OR AB (((automatic* or interactive*) N3 (telephon* 
or phone or phones or voice or hotline* or hot line*)) or ((voice or speech) N 
(response or recognition or messag* or system* or technolog*))

22  
S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11
OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21
23 (MH "Vaccines+") OR (MH "Immunization+") OR (MH "Immunization Programs")
24 TI (immuniz* or immunis* or vaccin* or inoculat*) OR AB (immuniz* or
imunis* or vaccin* or inoculat*)
25 S23 OR S24
26 (MH "Canada+") OR TI (Canad* or Alberta or "British Columbia" or Manitoba or
"New Brunswick" or "Newfoundland and Labrador" or Newfoundland or Labrador or
"Nova Scotia" or Ontario or "Prince Edward Island" or PEI or Quebec or Saskatchewan or
Nunavut or "Northwest Territories" or NWT or "Yukon Territory") OR AB (Canad* or
Alberta or "British Columbia" or Manitoba or "New Brunswick" or "Newfoundland and
Labrador" or Newfoundland or Labrador or "Nova Scotia" or Ontario or "Prince Edward
Island" or PEI or Quebec or Saskatchewan or Nunavut or "Northwest Territories" or NWT
or "Yukon Territory")
27 S22 AND S25 AND S26
28 S22 AND S25 AND S26 Narrow by Language: - english
EmCare via Ovid

<1995 to 2021 Week 45>

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<td>exp vaccination/</td>
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<td>(immuniz* or immunis* or immunotherap* or vaccin* or inoculat*).mp.</td>
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<td>9</td>
<td>(communicat* or messag* or verbal* or nonverbal* or written or writing or reading or language or speech or speak* or spoken or talk* or conversation or voice or visual perception or feedback or listen* or negotiat* or notify* or notification or remind* or narrat* or music* or humor or humorous or adverti* or persua* or interpreting or interpreters or interpret*-service or translat* service* or translating).hw,ti.</td>
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<td>((health or patient or client) adj (education or knowledge or promotion)).mp.</td>
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<td>11</td>
<td>((education* or teaching or learning or instruction* or training or skills or online or web* or internet or video* or multimedia or multi-media) adj1 (intervention* or session* or course* or program* or material* or package* or module* or demonstration or method* or process*)).mp.</td>
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<td>(self adj (teaching or education or instruction)).mp.</td>
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<td>((media adj3 campaign*) or (promotion adj1 program*) or (community based adj3 intervention*) or (awareness adj3 (rais* or increas*))).tw.</td>
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<td>14</td>
<td>exp marketing/</td>
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<td>15</td>
<td>exp advertising/</td>
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<td>16</td>
<td>((family or office or work* or school or faith or church or clinic or hospital) adj based).tw.</td>
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<tr>
<td>17</td>
<td>((improv* or increas* or enhanc* or patient) adj3 (understanding or comprehension)).tw.</td>
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<tr>
<td>18</td>
<td>(information* adj (service* or center* or system* or dissemination or seeking or retrieval or transfer* or campaign* or provision or aid or material* or sheet* or pack*)).mp.</td>
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<td>19</td>
<td>((patient or client or health or medical or drug or written or print* or visual* or provid* or present*) adj2 inform*).mp.</td>
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<td>20</td>
<td>(((inform* or message* or communicat* or effect* or gain or positive or negative) adj2 fram*) or ((verbal or oral or written or text or data or numerical or statistical or visual or graphic* or pictorial or audio* or video* or multimedia or multi-media or narrative) adj (format* or presentation or display*)).mp.</td>
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<tr>
<td>21</td>
<td>(counsel* or ((social or carer* or caregiver* or care giver* or patient*) adj1 support*) or psychosocial or ((social or pastoral or spiritual) adj care) or religion or chaplaincy or behavio?r modification).mp.</td>
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</tbody>
</table>
(counseling session or (support or peer or self-help or self-care) adj2 (intervention* or group* or program*)).mp.

((social or community) adj2 network*).mp.

((mass or communication* or electronic or digital or print* or social or new) adj media).tw.

((print* adj (material* or based)) or paper-based or written material* or (paper adj1 pen*) or publication* or newsletter* or brochure* or booklet* or pamphlet* or leaflet* or flyer* or handout* or poster* or illustrat* or picture* or pictogram*).mp.

(radio or television or audiovisual or video* or tape recording* or cassette* or cdrom* or dvd* or motion picture* or multimedia or hypermedia or telephon* or phone or phones or sms or short message* or text message* or i-pod* or ipod* or mp3 player* or hotline* or answering service* or internet or web* or online or on-line or blog* or telemedicine or telehealth or telecare or (virtual adj (reality or world or environment*)))).mp.

((electronic or e-) adj (mail or prescri* or health or game*)).mp.

exp computer/

(computer* adj1 (system* or network* or program* or terminal* or interfac* or interact* or handheld or intervention* or therapy or graphic* or simulation* or searching or mediated or based or tailored or communication or assisted instruction*)).mp.

exp Canada/

(((Canad* or Alberta or British Columbia or Manitoba or New Brunswick or Newfoundland) and Labrador) or Newfoundland or Labrador or Nova Scotia or Ontario or Prince Edward Island or PEI or Quebec or Saskatchewan or Nunavut or Northwest Territories or NWT or Yukon Territory).mp.

6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 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

32 exp Canada/

33 (((Canad* or Alberta or British Columbia or Manitoba or New Brunswick or Newfoundland) and Labrador) or Newfoundland or Labrador or Nova Scotia or Ontario or Prince Edward Island or PEI or Quebec or Saskatchewan or Nunavut or Northwest Territories or NWT or Yukon Territory).mp.

34 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 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

35 32 or 33

36 5 and 34 and 35

37 (exp animal/ or nonhuman/) not exp human/

38 36 not 37

39 38 limited to english language

Medline via EBSCOhost
Search modes - Boolean/Phrase

1 MH "Communication+" OR MH "Marketing+" OR MH "Computer Systems" OR MH "Communications Media+" OR MH "Health Education+" OR MH "Health
Communication" OR MH "Patient Education as Topic+" OR MH "Access to Information" OR MH "Advertising+

2 TI ( (health or patient or mediated or facilitated or augmentative or alternative or total or simultaneous or manual or mass or face-to-face or oral or cultural or risk or intervention* or interaction* or program* or skill* or aid* or tool* or board* or device* or system* or barrier*) N1 communication) ) OR AB ( (health or patient or mediated or facilitated or augmentative or alternative or total or simultaneous or manual or mass or face-to-face or oral or cultural or risk or intervention* or interaction* or program* or skill* or aid* or tool* or board* or device* or system* or barrier*) N1 communication) )

3 TI ( (health or patient or client) N1 (education or knowledge or promotion)) ) OR AB ( (health or patient or client) N1 (education or knowledge or promotion)) )

4 TI ( (education* or teaching or learning or instruction* or training or skills or online or web* or internet or video* or multimedia or multi-media) N1 (intervention* or session* or course* or program* or material* or package* or module* or demonstration or method* or process*)) ) OR AB ( (education* or teaching or learning or instruction* or training or skills or online or web* or internet or video* or multimedia or multi-media) N1 (intervention* or session* or course* or program* or material* or package* or module* or demonstration or method* or process*)) )

5 TI ( (self N1 (teaching or education or instruction)) ) OR AB ( (self N1 (teaching or education or instruction)) )

6 TI ( (media N3 campaign*) or (promotion N1 program*) or (community based N3 intervention*) or (awareness N3 (rais* or increas*)) ) OR AB ( (media N3 campaign*) or (promotion N1 program*) or (community based N3 intervention*) or (awareness N3 (rais* or increas*)) )

7 TI ( (family or office or work* or school or faith or church or clinic or hospital or community) N1 based) ) OR AB ( (family or office or work* or school or faith or church or clinic or hospital or community) N1 based) )

8 TI ( (improv* or increas* or enhanc* or patient) N3 (understanding or comprehension) ) OR AB ( (improv* or increas* or enhanc* or patient) N3 (understanding or comprehension) )

9 TI ( (information* N1 (service* or center* or system* or dissemination or seeking or retrieval or transfer* or campaign* or provision or aid* or material* or sheet* or pack*) ) OR AB ( (information* N1 (service* or center* or system* or dissemination or seeking or retrieval or transfer* or campaign* or provision or aid* or material* or sheet* or pack*) )

10 TI ( (patient or client or health or medical or drug or written or print* or visual* or provid* or present*) N2 inform*) ) OR AB ( (patient or client or health or medical or drug or written or print* or visual* or provid* or present*) N2 inform*) )

11 TI ( (inform* or message* or communicat* or effect* or gain or positive or negative) N2 fram* ) or (verbal or oral or written or text or data or numerical or statistical or visual or graphic* or pictorial or audio* or video* or multimedia or multi-media or narrative) N (format* or presentation or display*))) ) OR AB ( (inform* or message* or communicat* or effect* or gain or positive or negative) N2 fram* ) or (verbal or oral or written or text or data or numerical or statistical or
visual or graphic* or pictorial or audio* or video* or multimedia or multi-media or narrative) N (format* or presentation or display*))

12 TI (counsel* or ((social or carer* or caregiver* or care giver* or patient*)) N1 support*) or psychosocial or ((social or pastoral or spiritual) N care) or religion or chaplaincy or behavior modification) OR AB (counsel* or ((social or carer* or caregiver* or care giver* or patient*)) N1 support*) or psychosocial or ((social or pastoral or spiritual) N care) or religion or chaplaincy or behavior modification)

13 TI (counsel*ing session* or ((support or peer or self-help or self-care) N2 intervention* or group* or program*)) OR AB (counsel*ing session* or ((support or peer or self-help or self-care) N2 intervention* or group* or program*))

14 TI (((social or community) N2 network*)) OR AB (((social or community) N2 network*))

15 TI (((mass or communication* or electronic or digital or print* or social or new) N1 media) OR AB ( ((mass or communication* or electronic or digital or print* or social or new) N1 media) )

16 TI ((print* N (material* or based)) or paper-based or written material* or (paper N1 pen*) or publication* or newsletter* or brochure* or booklet* or pamphlet* or leaflet* or flyer* or handout* or poster* or illustrat* or picture* or pictogram*) OR AB ((print* N (material* or based)) or paper-based or written material* or (paper N1 pen*) or publication* or newsletter* or brochure* or booklet* or pamphlet* or leaflet* or flyer* or handout* or poster* or illustrat* or picture* or pictogram*)

17 TI (radio or television or audiovisual or video* or tape recording* or cassette* or cd-rom* or dvd* or "motion picture*" or multimedia or hypermedia or telephone* or phone or phones or sms or "short message*" or "text message*" or i-pod* or ipod* or "mp3 player*" or hotline* or "answering service*" or internet or web* or online or on-line or blog* or telemedicine or telehealth or telecare or (virtual N (reality or world or environment*)) ) OR AB (radio or television or audiovisual or video* or tape recording* or cassette* or cd-rom* or dvd* or "motion picture*" or multimedia or hypermedia or telephone* or phone or phones or sms or "short message*" or "text message*" or i-pod* or ipod* or mp3 player* or hotline* or answering service* or internet or web* or online or on-line or blog* or telemedicine or telehealth or telecare or (virtual N (reality or world or environment*)) )

18 TI (((electronic or e-) N1 (mail or prescri* or health or game*))) OR AB (((electronic or e-) N1 (mail or prescri* or health or game*)))

19 TI (computer* N1 (system* or network* or program* or terminal* or interfac* or interact* or handheld or intervention* or therapy or graphic* or simulation* or searching or mediated or based or tailored or communication or assisted instruction)) OR AB (computer* N1 (system* or network* or program* or terminal* or interfac* or interact* or handheld or intervention* or therapy or graphic* or simulation* or searching or mediated or based or tailored or communication or assisted instruction))

20 TI ("touch screen* or "digital assistant*" or pda or blackberry or mobile- device* or laptop* or notebook computer* ) OR AB ("touch screen* or "digital
assistant** or pda or blackberry or mobile-device* or laptop* or notebook computer* )

21  TI ( (((automat* or interactive*) N3 (telephon* or phone or phones or voice or hotline* or hot line*)) or ((voice or speech) N (response or recognition or messag* or system* or technolog*))) ) OR AB ( (((automat* or interactive*) N3 (telephon* or phone or phones or voice or hotline* or hot line*)) or ((voice or speech) N (response or recognition or messag* or system* or technolog*))) )

22  S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21

23  (MH "Vaccination+") OR (MH "Vaccines+") OR (MH "Immunization+") OR (MH "Immunization Programs+")

24  TI ( (immuniz* or immunis* or vaccin* or inoculat*) ) OR AB ( (immuniz* or immunis* or vaccin* or inoculat*) )

25  S23 OR S24

26  (MH "Canada") OR TI (Canada* or Alberta or “British Columbia” or Manitoba or "New Brunswick" or "Newfoundland and Labrador" or Newfoundland or Labrador or "Nova Scotia" or Ontario or “Prince Edward Island” or PEI or Quebec or Saskatchewan or Nunavut or “Northwest Territories” or NWT or “Yukon Territory” ) OR AB ( Canada* or Alberta or “British Columbia” or Manitoba or "New Brunswick" or "Newfoundland and Labrador" or Newfoundland or Labrador or "Nova Scotia" or Ontario or “Prince Edward Island” or PEI or Quebec or Saskatchewan or Nunavut or “Northwest Territories” or NWT or “Yukon Territory” )

27  S22 AND S25 AND S26

28  MH "Animals" NOT MH "Humans"

29  S27 NOT S28

30  S27 NOT S28 Narrow by Language: - english
2  TI ( (health or patient or mediated or facilitated or augmentative or alternative or total or simultaneous or manual or mass or face-to-face or oral or cultural or risk or intervention* or interaction* or program* or skill* or aid* or tool* or board* or device* or system* or barrier*) n1 communication) ) OR AB ( (health or patient or mediated or facilitated or augmentative or alternative or total or simultaneous or manual or mass or face-to-face or oral or cultural or risk or intervention* or interaction* or program* or skill* or aid* or tool* or board* or device* or system* or barrier*) n1 communication) ) 3 TI ( ((health or patient or client) N1 (education or knowledge or promotion)) ) OR AB ( ((health or patient or client) N1 (education or knowledge or promotion)) ) 4 TI ( ((education* or teaching or learning or instruction* or training or skills or online or web* or internet or video* or multimedia or multi- media) N1 (intervention* or session* or course* or program* or material* or package* or module* or demonstration or method* or process*)) ) OR AB ( ((education* or teaching or learning or instruction* or training or skills or online or web* or internet or video* or multimedia or multi- media) N1 (intervention* or session* or course* or program* or material* or package* or module* or demonstration or method* or process*)) ) 5 TI ( (self N1 (teaching or education or instruction)) ) OR AB ( (self N1 (teaching or education or instruction)) )
6 TI ( ((media N3 campaign*) or (promotion N1 program*) or (community based N3 intervention*) or (awareness N3 (rais* or increas*))) ) OR AB ( ((media N3 campaign*) or (promotion N1 program*) or (community based N3 intervention*) or (awareness N3 (rais* or increas*))) )
7 TI ( ((family or office or work* or school or faith or church or clinic or hospital or community) N1 based) ) OR AB ( ((family or office or work* or school or faith or church or clinic or hospital or community) N1 based) )
8 TI ( ((improv* or increas* or enhanc* or patient) N3 (understanding or comprehension)) ) OR AB ( ((improv* or increas* or enhanc* or patient) N3 (understanding or comprehension)) )
9 TI ( (information* N1 (service* or center* or system* or dissemination or seeking or retrieval or transfer* or campaign* or provision or aid or material* or sheet* or pack*)) ) OR AB ( (information* N1 (service* or center* or system* or dissemination or seeking or retrieval or transfer* or campaign* or provision or aid or material* or sheet* or pack*)) )
10 TI ( ((patient or client or health or medical or drug or written or print* or visual* or
provid* or present*) N2 inform*) ) OR AB ( ((patient or client or health or medical or drug or written or print* or visual* or provid* or present*) N2 inform*) )

11 TI ( (((inform* or message* or communicat* or effect* or gain or positive or negative) N2 fram*) or ((verbal or oral or written or text or data or numerical or statistical or visual or graphic* or pictorial or audio* or video* or multimedia or multi-media or narrative) N (format* or presentation or display*))) ) OR AB ( (((inform* or message* or communicat* or effect* or gain or positive or negative) N2 fram*) or ((verbal or oral or written or text or data or numerical or statistical or visual or graphic* or pictorial or audio* or video* or multimedia or multi-media or narrative) N (format* or presentation or display*))) )

12 TI ( (counsel* or ((social or carer* or caregiver* or care giver* or patient*) N1 support*) or psychosocial or ((social or pastoral or spiritual) N care) or religion or chaplaincy or "behavior modification") ) OR AB ( (counsel* or ((social or carer* or caregiver* or care giver* or patient*) N1 support*) or psychosocial or ((social or pastoral or spiritual) N care) or religion or chaplaincy or "behavior modification") )

13 TI ( (counsel*ing session* or ((support or peer or self-help or self-care) N2 (intervention* or group* or program*))) ) OR AB ( (counsel*ing session* or ((support or peer or self-help or self-care) N2 (intervention* or group* or program*))) )

14 TI ( ((social or community) N2 network*) ) OR AB ( ((social or community) N2 network*))

15 TI ( ((mass or communication* or electronic or digital or print* or social or new) N1 media) ) OR AB ( ((mass or communication* or electronic or digital or print* or social or new) N1 media) )

16 TI ( ((print* N (material* or based)) or paper- based or "written material*" or (paper N1 pen*) or publication* or brochure* or booklet* or pamphlet* or leaflet* or flyer* or handout* or poster* or illustrat* or picture* or pictogram*) ) OR AB ( ((print* N (material* or based)) or paper-based or written material* or (paper N1 pen*) or publication* or brochure* or booklet* or pamphlet* or leaflet* or flyer* or handout* or poster* or illustrat* or picture* or pictogram*) )

17 TI ( (radio or television or audiovisual or video* or "tape recording" or cassette* or cd-rom* or dvd* or "motion picture*" or multimedia or hypermedia or telephon* or phone or phones or sms or "short message*" or "text message*" or i-pod* or "mp3 player*" or hotline* or "answering service*" or internet or web* or online or on-line or blog* or telemedicine or telehealth or telecare or (virtual N (reality or world or environment*))) ) OR AB ( (radio or television or audiovisual or video* or "tape recording" or cassette* or cd-rom* or dvd* or "motion picture*" or multimedia or hypermedia or telephon* or phone or phones or sms or "short message*" or "text message*" or i-pod* or "mp3 player*" or hotline* or "answering service*" or internet or web* or online or on-line or blog* or telemedicine or telehealth or telecare or (virtual N (reality or world or environment*))) )

18 TI ( ((electronic or e-) N1 (mail or prescri* or health or game*)) ) OR AB ( ((electronic or e-) N1 (mail or prescri* or health or game*)) )
19 TI ( (computer* N1 (system* or network* or program* or terminal* or interfac* or interact* or handheld or intervention* or therapy or graphic* or simulation* or searching or mediated or based or tailored or communication or assisted instruction)) ) OR AB ( (computer* N1 (system* or network* or program* or terminal* or interfac* or interact* or handheld or intervention* or therapy or graphic* or simulation* or searching or mediated or based or tailored or communication or assisted instruction)) )

20 TI ( ("touch screen" or "digital assistant" or pda or blackberry or mobile- device* or laptop* or "notebook computer") ) OR AB ( ("touch screen" or "digital assistant" or pda or blackberry or mobile-device* or laptop* or "notebook computer") )

21 TI ( (((automat* or interactive*) N3 (telephon* or phone or phones or voice or hotline* or hot line*)) or ((voice or speech) N (response or recognition or messag* or system* or technolog*)) ) OR AB ( (((automat* or interactive*) N3 (telephon* or phone or phones or voice or hotline* or hot line*)) or ((voice or speech) N (response or recognition or messag* or system* or technolog*)) )

22 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21

23 DE "Immunization" OR DE "Vaccination"

24 TI ( (immuniz* or immunis* or vaccin* or inoculat*) ) OR AB ( (immuniz* or immunis* or vaccin* or inoculat*) )

25 S23 OR S24

26 TI ( Canad* or Alberta or "British Columbia" or Manitoba or "New Brunswick" or "Newfoundland and Labrador" or Newfoundland or Labrador or "Nova Scotia" or Ontario or "Prince Edward Island" or PEI or Quebec or Saskatchewan or Nunavut or "Northwest Territories" or NWT or "Yukon Territory") OR AB ( Canad* or Alberta or "British Columbia" or Manitoba or "New Brunswick" or "Newfoundland and Labrador" or Newfoundland or Labrador or "Nova Scotia" or Ontario or "Prince Edward Island" or PEI or Quebec or Saskatchewan or Nunavut or "Northwest Territories" or NWT or "Yukon Territory")

27 S22 AND S25 AND S26

28 S22 AND S25 AND S26 Narrow by Language: - english

Scopus
"New Brunswick" OR "Newfoundland and Labrador" OR newfoundland OR labrador OR "Nova Scotia" OR ontario OR "Prince Edward Island" OR pei OR quebec OR saskatchewan OR nunavut OR "Northwest Territories" OR nwt OR "Yukon Territory" ) )

4 1 AND 2 AND 3
5 ( ( ( INDEXTERMS ( animals OR animal ) ) AND NOT ( INDEXTERMS ( humans OR human ) ) ) )
6 4 NOT 5
7 6 ( LIMIT-TO ( LANGUAGE , "English" ) )
Non-Academic Literature Search Strategies

Google Scholar

Search 1: (immunization OR vaccine OR vaccination OR innoculate OR innoculation) (inform OR educate OR aware) (program OR campaign OR intervention) canada

Search 2: vaccine education program canada

Search 3: Search 2: vaccine education program canada

Search 4: “COVID 19 vaccine” (educate OR inform) (campaign OR program) Canada

CADTH "Grey Matters" Checklist

<table>
<thead>
<tr>
<th>Source</th>
<th>Link</th>
<th>Keyword(s) used</th>
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<tr>
<td>Alberta College of Physicians: Tools for Practice</td>
<td><a href="https://gomainpro.ca/toolsfor-practice/">https://gomainpro.ca/toolsfor-practice/</a></td>
<td>vaccine program; immunization program</td>
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<tr>
<td>Alberta Health and Wellness. Decision Process provincial reviews – ongoing and complete*</td>
<td><a href="http://www.health.alberta.ca/initiatives/AHTDPreviews.html">http://www.health.alberta.ca/initiatives/AHTDPreviews.html</a></td>
<td>vaccine program; immunization program</td>
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<tr>
<td>Canadian Agency for Drugs and Technologies in Health (CADTH)</td>
<td><a href="https://www.cadth.ca/search?keywords">https://www.cadth.ca/search?keywords</a></td>
<td>vaccine immunization program</td>
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<tr>
<td>Health Quality Ontario (HQO). Health Technology Assessment</td>
<td><a href="http://www.hqontario.ca/Evidence-to-Improve-Care/Health-Technology-Assessment">http://www.hqontario.ca/Evidence-to-Improve-Care/Health-Technology-Assessment</a></td>
<td>vaccine immunization program</td>
</tr>
<tr>
<td>The Hospital for Sick Children (SickKids). Technology Assessment at SickKids (TASK)</td>
<td><a href="http://lab.research.sickkids.ca/task/reports-theses/">http://lab.research.sickkids.ca/task/reports-theses/</a></td>
<td>N/A</td>
</tr>
<tr>
<td>Manitoba Centre for Health Policy (MCHP). Deliverables</td>
<td><a href="http://mchp-appserv.cpe.umanitoba.ca/deliverablesList.html">http://mchp-appserv.cpe.umanitoba.ca/deliverablesList.html</a></td>
<td>N/A</td>
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<tr>
<td>McGill University Health Centre (MUHC). Technology Assessment Unit Reports</td>
<td><a href="https://muhc.ca/tau/page/taureports">https://muhc.ca/tau/page/taureports</a></td>
<td>vaccine program</td>
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<td>Notes</td>
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<tr>
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<td>Alberta Medical Association. Toward Optimized Practice (TOP)</td>
<td><a href="https://actt.albertadoctors.org/Pages/Search.aspx?k=vaccine%20program#k=immunization%20program">https://actt.albertadoctors.org/Pages/Search.aspx?k=vaccine%20program#k=immunization%20program</a></td>
<td>vaccine program / immunization program</td>
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<tr>
<td>Winnipeg Regional Health Authority (WRHA). Evidence Informed Practice Tools</td>
<td><a href="http://www.wrha.mb.ca/professionals/ebpt/">http://www.wrha.mb.ca/professionals/ebpt/</a></td>
<td>vaccine program / immunization program</td>
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<tr>
<td>McMaster University, McMaster Health Forum. Health Systems Evidence</td>
<td><a href="http://www.healthsystemevidence.org">http://www.healthsystemevidence.org</a></td>
<td>vaccine program canada</td>
</tr>
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**Google (General Search)**

Search 1: canada immunization information
Search 2: vaccine information program canada