

Table S1. Inclusion and exclusion criteria

	Inclusion	Exclusion
Participants	Individuals or families living in a situation of socioeconomic disadvantage, including population that are primarily low socioeconomic status (SES) but not solely (e.g., based on the market basket measure, homelessness, receiving last resort financial aid, being characterized as living in poverty in the article, receiving help from a program such as Alberta Adult Health Benefit programs, being characterized as low-income in the article, low SES neighborhood).	<ul style="list-style-type: none"> ● Individuals or families who do not live in a situation of socioeconomic disadvantage ● Studies who do not provide any results specific to the individuals or families with a low SES (e.g., only provides results for the general population, regardless of income)
Outcomes	<ul style="list-style-type: none"> ● Barriers and facilitators to dental care* access and utilisation ● Approaches taken to increase access to or utilisation of dental care* services <ul style="list-style-type: none"> ○ Articles that mention a program or approach aimed at increasing access and utilisation to dental care, including programs aimed at specific population, if they focus on low SES individuals or families 	<ul style="list-style-type: none"> ● Related to other health care services and NOT dental care*. ● Does not provide information on barriers and facilitators to accessing and using dental care services NOR approaches taken to increase access to or utilisation of dental care services.
Setting	<p>Articles that report on families or individuals living in Canada</p> <p><i>Including if part of the population is in Canada and data is provided for individual countries.</i></p>	<p>All participants do not live in Canada</p> <p>Data is not provided for Canada individually</p>
Publication language	French or English	Any other languages
Publication date	Any time	No exclusion based on publication date
Study design	<ul style="list-style-type: none"> ● Cohort studies ● Case-control studies 	<ul style="list-style-type: none"> ● Literature reviews ● Opinion papers

	<ul style="list-style-type: none"> ● Observational studies ● Quasi-experimental studies ● Experimental studies ● Randomized control trials ● Case reports/case series ● Qualitative studies ● Mixed methods 	<ul style="list-style-type: none"> ● Conference abstract ● Protocol
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*Dental care was defined as routine care such as teeth cleaning, fluoride application and sealant application as well as treatment of specific issues such as carries, broken teeth, tooth pain, gingivitis, tooth extraction and tooth decay. We did not include orthodontic treatments or dental care received in the emergency department following a traumatic injury.

Table S2. Search strategy

Line #	Query
Embase and Medline (via OVID)	
1	exp dental procedure/
2	exp Dental Health Services/
3	Oral Health/
4	exp dentistry/
5	exp Oral Medicine/
6	exp Preventive Dentistry/
7	exp Dental Facilities/
8	exp Diagnosis, Oral/
9	exp Mouth Diseases/
10	exp Tooth Diseases/
11	exp Pediatric Dentistry/
12	exp Dentists/
13	exp Dental clinics/
14	exp dental health education/
15	public health dentistry/ or fluoridation/
16	exp Dental prophylaxis/
17	(care adj3 dental).mp.
18	(dental adj3 (health or hygiene or care or service*)).mp.
19	(dent* adj2 (check* or health or intervention* or clinic* or treatment* or therap* or program* or practice* or educat* or procedure* or restorat* or regenerat*)).mp.
20	(oral adj3 (health or hygiene or care)).mp.
21	(dentist* or stomatology or "Dental Prophylaxis" or Fluoridation or "Oral Hygiene" or "Oral Health" or "Dental Facilit*" or "Dental Clinic*" or "Dental Office*" or "Oral Diagnos*" or "Mouth Disease*" or "Tooth Disease*" or "Dental caries" or "Dental Disease*" or "Dental Health Service*" or "Dental Service*" or "gingivitis" or "tooth pain" or "tooth extract*" or "tooth decay" or pedodontic*).mp.
22	1 or 2 or 3 or 4 or 5 or 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
23	((low or lower or disadvantage* or depriv*) adj2 (socioeconomic or socio-economic or "socio?economic status" or "socio?econ*" or circumstanc* or background)).mp.
24	((house?hold or famil*) adj3 (income* or salar* or earning* or wage* or poor or wealth)).mp.

25	exp poverty/
26	pover*.mp.
27	((("low income*" or "lower?income*" or "poor" or "underserved" or "depriv*" or "under?privileg*") adj2 (population or people or individual* or famil*))).mp.
28	((financial or monetary) adj2 (hardshi* or difficult* or troubl* or toxicity or barrier* or distress)).mp.
29	(cost* adj2 barrier*).mp.
30	23 or 24 or 25 or 26 or 27 or 28 or 29
31	exp Canada/
32	(Canada or Canadian*).mp.
33	(Alberta or "British Columbia" or Manitoba or "New Brunswick" or "Newfoundland and Labrador" or "Northwest Territories" or "Nova Scotia" or Nunavut or Ontario or "Prince Edward Island" or Quebec or Saskatchewan or Yukon).mp.
34	31 or 32 or 33
35	22 and 30 and 34
36	limit 35 to (english or french)
37	remove duplicates from 36
PsycINFO (via OVID)	
1	exp Dental Treatment/
2	exp Dental Health/
3	exp Oral Health/
4	exp Dentistry/
5	exp Dental Disorders/
6	exp Dentists/
7	("Oral Medicine" or "Preventive Dentistry" or "Dental Facilities" or "Oral diagnosis" or "Stomatognathic Diseases" or "stomatology" or "Pediatric Dentistry" or "Community Dentistry" or "Comprehensive Dental Care" or "Dental clinics" or "public health dentistry" or "fluoridation" or "dental health education" or "Dental prophylaxis").mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh word]
8	(care adj3 dental).mp.
9	(dental adj3 (health or hygiene or care or service*)).mp.
10	(dent* adj2 (check* or health or intervention* or clinic* or treatment* or therap* or program* or practice* or educat* or procedure* or restorat* or regenerat*)).mp.
11	(oral adj3 (health or hygiene or care)).mp.
12	(dentist* or stomatology or "Dental Prophylaxis" or Fluoridation or "Oral Hygiene" or "Oral Health" or "Dental Facilit*" or "Dental Clinic*" or "Dental Office*" or "Oral

	Diagnos*" or "Mouth Disease*" or "Tooth Disease*" or "Dental caries" or "Dental Disease*" or "Dental Health Service*" or "Dental Service*" or "gingivitis" or "tooth pain" or "tooth extract*" or "tooth decay" or pedodontic?).mp.
13	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12
14	((low or lower or disadvantage* or depriv*) adj2 (socioeconomic or socio-economic or "socio?economic status" or "socio?econ*" or circumstanc* or background)).mp.
15	((house?hold or famil*) adj3 (income* or salar* or earning* or wage* or poor or wealth)).mp.
16	exp Poverty/
17	pover*.mp.
18	((("low income?" or "lower?income?" or "poor" or "underserved" or "depriv*" or "under?privileg*") adj2 (population or people or individual? or famil*)).mp.
19	((financial or monetary) adj2 (hardshi* or difficult* or troubl* or toxicity or barrier or distress)).mp.
20	(cost* adj2 barrier?).mp.
21	14 or 15 or 16 or 17 or 18 or 19 or 20
22	("Canada" or "Canadian?").mp.
23	(Alberta or "British Columbia" or Manitoba or "New Brunswick" or "Newfoundland and Labrador" or "Northwest Territories" or "Nova Scotia" or Nunavut or Ontario or "Prince Edward Island" or Quebec or Saskatchewan or Yukon).mp.
24	22 or 23
25	13 and 21 and 24
26	limit 25 to (english or french)
Web of Science	
1	((((((((((((((((((ALL=(dental procedure)) OR ALL=(Dental Health Services)) OR ALL=(Oral Health)) OR ALL=(dentistry)) OR ALL=(Oral Medicine)) OR ALL=(Preventive Dentistry)) OR ALL=(Dental Facilities)) OR ALL=(oral diagnosis)) OR ALL=(Stomatognathic Diseases)) OR ALL=(stomatology)) OR ALL=(Mouth Diseases)) OR ALL=(Tooth Diseases)) OR ALL=(Pediatric Dentistry)) OR ALL=(Dentists)) OR ALL=(Community Dentistry)) OR ALL=(Comprehensive Dental Care)) OR ALL=(Dental clinics)) OR ALL=(public health dentistry)) OR ALL=(fluoridation)) OR ALL=(dental health education)
2	TS=(care NEAR/3 dental)
3	TS=(dental NEAR/3 (health or hygiene or care or service\$))
4	TS=(dent* NEAR/2 (check\$ or health or intervention\$ or clinic* or treatment\$ or therap* or program* or practice\$ or educat* or procedure\$ or restorat* or regenerat*))
5	TS=(oral NEAR/3 (health or hygiene or care))
6	TS=(dentist* or stomatology or "Dental Prophylaxis" or Fluoridation or "Oral Hygiene" or "Oral Health" or "Dental Facilit*" or "Dental Clinic\$" or "Dental Office\$" or "Oral

	Diagnos*" or "Mouth Disease\$" or "Tooth Disease\$" or "Dental caries" or "Dental Disease\$" or "Dental Health Service\$" or "Dental Service\$" or "gingivitis" or "tooth pain" or "tooth extract*" or "tooth decay" or pedodontic\$)
7	#6 OR #5 OR #4 OR #3 OR #2 OR #1
8	TS=((low or lower or disadvantage\$ or depriv*) NEAR/2 (socioeconomic or socio-economic or "socio\$economic status" or "socio\$econ*" or circumstanc* or background))
9	TS=((house\$hold or famil*) NEAR/3 (income\$ or salar* or earning\$ or wage\$ or poor or wealth))
10	TS=(pover*)
11	TS=(("low income\$" or "lower income\$" or "lower-income\$" or "poor" or "underserved" or "depriv*" or "under privileg*" or "under-privileg*") NEAR/2 (population or people or individual\$ or famil*))
12	TS=((financial or monetary) NEAR/2 (hardshi* or difficult* or troubl* or toxicity or barrier or distress))
13	TS=(cost* NEAR/2 barrier\$)
14	#13 OR #12 OR #11 OR #10 OR #9 OR #8
15	TS=("Canada" or "Canadian\$")
16	TS=(Alberta or "British Columbia" or Manitoba or "New Brunswick" or "Newfoundland and Labrador" or "Northwest Territories" or "Nova Scotia" or Nunavut or Ontario or "Prince Edward Island" or Quebec or Saskatchewan or Yukon)
17	#16 or #15
18	#16 and #14 and #7 and French or English (Languages)
CINAHL	
1	"dental procedure" OR (MH "Dental Health Services+") OR (MH "Oral Health") OR (MH "Dentistry+") OR (MH "Oral Medicine") OR (MH "Preventive Dentistry+") OR (MH "Dental Facilities+") OR (MH "Diagnosis, Oral+") OR (MH "Stomatognathic Diseases") OR "stomatology" OR (MH "Mouth Diseases+") OR (MH "Tooth Diseases+") OR (MH "Pediatric Dentistry") OR (MH "Dentists+") OR "Community Dentistry" OR (MH "Dental Care+") OR "Comprehensive Dental Care" OR (MH "Dental Clinics") OR (MH "Public Health Dentistry") OR (MH "Fluoridation") OR (MH "Dental Health Education") OR (MH "Dental Prophylaxis+")
2	care N3 dental
3	dental N3 (health or hygiene or care or service#)
4	(dental or dentistry) N2 (check or check#up# or health or intervention# or clinic# or treatment# or therapy or therapies or therapeutic or program# or practice# or education or educative or procedure# or restoration or restorative or regeneration or regenerative)
5	oral N3 (health or hygiene or care)
6	dentist# or dentistry or stomatology or "Dental Prophylaxis" or Fluoridation or "Oral Hygiene" or "Oral Health" or "Dental Facility" or "Dental facilities" or "Dental Clinic#" or "Dental Office#" or "Oral Diagnosis" or "Oral diagnostic" or "Mouth Disease#" or

	"Tooth Disease#" or "Dental caries" or "Dental Disease#" or "Dental Health Service#" or "Dental Service#" or "gingivitis" or "tooth pain" or "tooth extraction#" or "tooth decay" or pedodontic#
7	S1 OR S2 OR S3 OR S4 OR S5 OR S6
8	(low or lower or disadvantage# or deprived or deprivation) N2 (socioeconomic or socio-economic or "socio#economic status" or "socio#economic" or circumstance# or background)
9	(house#hold or family or families) N3 (income# or salary or salaries or earning# or wage# or poor or wealth)
10	(MH "Poverty+")
11	poverty or poverties
12	("low income#" or "lower income#" or "low-income#" or "lower-income#" or "poor" or "underserved" or "deprived" or "under#privileged") N2 (population or people or individual# or family or families)
13	(financial or monetary) N2 (hardship# or difficulty or difficulties or trouble# or toxicity or barrier# or distress)
14	cost# N2 barrier#
15	S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14
16	(MH "Canada+")
17	"Canada" or "Canadian#"
18	Alberta or "British Columbia" or Manitoba or "New Brunswick" or "Newfoundland and Labrador" or "Northwest Territories" or "Nova Scotia" or Nunavut or Ontario or "Prince Edward Island" or Quebec or Saskatchewan or Yukon
19	S16 OR S17 OR S18
20	S7 AND S15 AND S19

Table S3. Data extraction template for barriers and facilitators

General Information	Study context and methodology	Population characteristics	Barrier	Enabler	Mixed	Discussion and conclusion
<ul style="list-style-type: none"> - 1st author - Publication year - Journal of publication - Title - Type of publication - Correspondence information - Funding (Government, pharma, ...) - URL link - Critical appraisal tool (CASP or MMAT) 	<ul style="list-style-type: none"> - Objective - Country - Setting - Year - Recruitment - Study design - Data collection type - Analysis type 	<ul style="list-style-type: none"> - Inclusion criteria - Exclusion criteria - Number of included participants - Age - Sex (%) - Gender (%) - Race/ethnicity (%) - Language (%) - Definition for low SES - Socioeconomic Status - Education (%) - Place of residence 	<ul style="list-style-type: none"> - Description (as described by the authors) - Primary domain - Secondary domain - Quotes 	<ul style="list-style-type: none"> - Description (as described by the authors) - Primary domain - Secondary domain - Quotes 	<ul style="list-style-type: none"> - Description (as described by the authors) - Primary domain - Secondary domain - Quotes 	<ul style="list-style-type: none"> - Discussion (relevant points) - Conclusion

Table S4. Data extraction template for approaches

General Information	Description of the approach
<ul style="list-style-type: none"> - 1st author - Publication year - Journal of publication - Title - Type of publication - Correspondence information 	<ul style="list-style-type: none"> - Name of the program/approach - Target population - Objective - Country - Setting - Year (data collection)

<ul style="list-style-type: none">- Funding (Government, pharma, ...)- URL link	<ul style="list-style-type: none">- Year (programme)- Description of the program/approach- Comments regarding the approach (how is it going, are people enjoying it, do people have issues with it?)- Other comments
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Table S5. RoB assessment, MMAT applied to quantitative studies (n=18)

Author, year	Screening questions		Quantitative descriptive					Score out of 7
	S1	S2	4.1	4.2	4.3	4.4	4.5	
Abdelrehim, 2024	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	6
Abdelrehim, 2023	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	6
Abouseita, 2022	Yes	Yes	Yes	Yes	Can't tell	Yes	Can't tell	5
Ahmad, 2014	Yes	Yes	Yes	Yes	Yes	Yes	Can't tell	6
Amegbor, 2018	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	6
Amin, 2014	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	6
Amin, 2011	Yes	Yes	Yes	Yes	Yes	Can't tell	Can't tell	5
Calvasina, 2014	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	6
Hau, 2017	Yes	Yes	Can't tell	Can't tell	Yes	Yes	Yes	5
Locker, 2011	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	6
Menon, 2024	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
Millar, 1999	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	6
Muirhead, 2009	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	6
Murphy, 2024	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
Quiñonez, 2010*	Yes	Yes	Yes	Yes	Yes	Yes	Can't tell	6
Sadeghi, 2012	Yes	Yes	Yes	Yes	Yes	Can't tell	Can't tell	5
Thompson, 2012	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	6
Thompson, 2014	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	6

Table S6. RoB assessment, MMAT applied to mixed method studies (n=1)

Author, year	Screening questions		Mixed method					Score out of 12
	S1	S2	5.1	5.2	5.3	5.4	5.5	
Quiñonez, 2010	Yes	Yes	Yes	No	No	No	No	7

Table S7. RoB assessment, CASP applied to qualitative studies (n=8)

Author, year	Are the results valid?						What are the results			How valuable is the research?	Score out of 10
	1	2	3	4	5	6	7	8	9	10	
Bedos, 2003	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	Yes	Yes	Yes	9
Bedos, 2005	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	Yes	Yes	Yes	9
Bedos, 2009	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	Yes	Yes	Yes	9
Dong, 2011	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	Yes	Yes	Yes	9
Lévesque, 2009	Yes	Yes	Yes	Yes	Yes	Can't tell	Can't tell	Can't tell	Yes	Yes	7
Noushi, 2020	Yes	Yes	Yes	Yes	Yes	Can't tell	Yes	Yes	Yes	Yes	9
Nurelhuda, 2021	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	10
Wallace, 2012	Yes	Yes	Yes	Yes	Yes	Can't tell	Can't tell	Yes	Yes	Yes	8